

Attachment A: Abstract of the Disclosure as Amended (page 13, specification)

Abstract of the Disclosure

An electrode arrangement for an electrical component and carrier for sensors is applied on a substrate (1) as a surface structure of suitable dimensions. This arrangement includes two electrically conducting electrodes (2) not electrically connected with one another. A high flexibility concerning the representation of the conductivities of the electrode arrangement and/or of the substance of a sensor-active layer is provided and represents these through the conductance of a measuring probe or a function element and is simple and economical to manufacture. On a dielectric substrate (1) between two electrodes (2), a number of conductive islands (3), which are not essentially connected with one another, are positioned as a two-dimensional area arrangement.